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## PALM INTRANET

# Inventor Information for 10/792152

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US 20040105844 A1	US- PGPUB	20040 603	Method of producing herpes simplex virus amplicons, resulting amplicons, and their use	424/93.2	435/5	Federoff, Howard J. et al.
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US 5904651 A	USPAT	19990 518	Systems and methods for visualizing tissue during diagnostic or therapeutic procedures	600/407	600/342; 600/373; 600/478; 607/122	Swanson; David K. et al.
US 5891136 A	USPAT	19990 406	Expandable-collapsible mesh electrode structures	606/41	600/374; 606/34; 607/122; 607/99	McGee; David et al.
US 5879348 A	USPAT	19990 309	Electrode structures formed from flexible, porous, or woven materials	606/41	600/374; 607/105; 607/113; 607/122; 607/99	Owens; Patrick M. et al.
US 5876336 A	USPAT	19990 302	Systems and methods for guiding movable electrode elements within multiple-electrode structure	600/374	600/509; 606/34; 606/41; 607/122	Swanson; David K. et al.
US 5871483 A	USPAT	19990 216	Folding electrode structures	606/41	600/374; 606/34; 607/105; 607/113; 607/122; 607/99	Jackson; Jerome et al.
US 5868736 A	USPAT	19990 209	Systems and methods to control tissue heating or ablation with porous electrode structures	606/34	606/41; 607/105; 607/113; 607/122; 607/99	Swanson; David K. et al.
US 5853411	USPAT	19981	Enhanced electrical	606/41	600/374;	Whayne;

A		229	connections for electrode structures		607/122; 607/99	James G. et al.
US 5853409 A	USPAT	19981 229	Systems and apparatus for sensing temperature in body tissue	606/31	600/374; 600/549; 606/42; 607/102	Swanson; David K. et al.
US 5848969 A	USPAT	19981 215	Systems and methods for visualizing interior tissue regions using expandable imaging structures	600/462	600/439; 600/463	Panescu; Dorin et al.
US 5846239 A	USPAT	19981 208	Tissue heating and ablation systems and methods using segmented porous electrode structures	606/41	607/105; 607/113; 607/122; 607/99	Swanson; David K. et al.
US 5846238 A	USPAT	19981 208	Expandable-collapsible electrode structures with distal end steering or manipulation	606/41	600/374; 606/34; 607/122; 607/99	Jackson; Jerome et al.
US 5840076 A	USPAT	19981 124	Tissue heating and ablation systems and methods using electrode structures with distally oriented porous regions	606/34	606/41; 607/105; 607/113; 607/122; 607/99	Swanson; David K. et al.
US 5836874 A	USPAT	19981 117	Multi-function electrode structures for electrically analyzing and heating body tissue	600/374	606/41; 607/122; 607/99	Swanson; David K. et al.
US 5833621 A	USPAT	19981 110	Systems and methods for matching electrical characteristics and propagation velocities in cardiac tissue	600/509		Panescu; Dorin et al.
US 5830213 A	USPAT	19981 103	Systems for heating and ablating tissue using multifunctional electrode structures	606/41	600/374; 607/105; 607/113; 607/122; 607/99	Panescu; Dorin et al.
US 5810802 A	USPAT	19980 922	Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/31	606/41; 607/101	Panescu; Dorin et al.
US 5797905 A	USPAT	19980 825	Flexible tissue ablation elements for making long lesions	606/41	607/122	Fleischman; Sidney D. et al.
US 5797903 A	USPAT	19980 825	Tissue heating and ablation systems and methods using	606/34	600/374; 606/41;	Swanson; David K. et al.

			porous electrode structures with electrically conductive surfaces		607/105; 607/113; 607/122; 607/99	al.
US 5795303 A	USPAT	19980 818	Systems and methods for making time-sequential measurements of biopotentials sensed in myocardial tissue	600/509	600/510	Swanson; David K. et al.
US 5792064 A	USPAT	19980 811	Systems and methods for analyzing cardiac biopotential morphologies by cross-correlation	600/510		Panescu; Dorin et al.
US 5769847 A	USPAT	19980 623	Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/42	606/31; 606/48; 607/101	Panescu; Dorin Nmi et al.
US 5755715 A	USPAT	19980 526	Tissue heating and ablation systems and methods using time-variable set point temperature curves for monitoring and control	606/31	606/42; 607/102	Stern; Roger A. et al.
US 5752518 A	USPAT	19980 519	Systems and methods for visualizing interior regions of the body	600/424	600/466	McGee; David et al.
US 5740808 A	USPAT	19980 421	Systems and methods for guiding diagnostic or therapeutic devices in interior tissue regions	600/424	600/585	Panescu; Dorin et al.
US 5735846 A	USPAT	19980 407	Systems and methods for ablating body tissue using predicted maximum tissue temperature	606/41	606/31; 606/42; 607/102	Panescu; Dorin et al.
US 5733449 A	USPAT	19980 331	Microconcentrator device	210/321.6	210/321.75; 210/360.1; 210/369; 210/380.1; 210/455; 422/101	Bowers; William F. et al.
US 5732698 A	USPAT	19980 331	Systems for examining the electrical characteristics of cardiac tissue while minimizing contact with blood within the heart	600/374	600/393; 607/122	Swanson; David K. et al.
US 5722416 A	USPAT	19980 303	Systems and methods for analyzing biopotential	600/509	600/510; 607/101	Swanson; David K. et

			morphologies in heart tissue to locate potential ablation sites			al.
US 5722403 A	USPAT	19980 303	Systems and methods using a porous electrode for ablating and visualizing interior tissue regions	600/373	607/120; 607/122	McGee; David et al.
US 5722402 A	USPAT	19980 303	Systems and methods for guiding movable electrode elements within multiple-electrode structures	600/374	600/393; 600/509; 606/34; 606/41; 607/122	Swanson; David K. et al.
US 5711305 A	USPAT	19980 127	Systems and methods for acquiring endocardially or epicardially paced electrocardiograms	600/510	600/374	Swanson; David K. et al.
US 5702386 A	USPAT	19971 230	Non-linear control systems and methods for heating and ablating body tissue	606/34	606/31; 606/38; 606/42; 606/45; 607/102	Stern; Roger A. et al.
US 5688267 A	USPAT	19971 118	Systems and methods for sensing multiple temperature conditions during tissue ablation	606/41	606/31; 606/42; 606/45; 607/102; 607/122	Panescu; Dorin et al.
US 5661226 A	USPAT	19970 826	High sensitivity real-time NVR monitor	73/24.01		Bowers; William D. et al.
US 5647870 A	USPAT	19970 715	Multiple electrode support structures	606/41	607/122	Kordis; Thomas F. et al.
US 5630425 A	USPAT	19970 520	Systems and methods for adaptive filtering artifacts from composite signals	600/508	128/901; 600/374; 600/529; 600/544; 600/546; 708/322	Panescu; Dorin et al.
US 5609157 A	USPAT	19970 311	Systems and methods for analyzing biopotential morphologies in body tissue using iterative techniques	600/510	600/515	Panescu; Dorin et al.
US 5605157 A	USPAT	19970 225	Systems and methods for filtering signals derived from biological events	600/508		Panescu; Dorin et al.
US 5601088	USPAT	19970	Systems and methods for	600/510	128/901;	Swanson;

A		211	filtering artifacts from composite signals		600/529; 600/544; 600/546; 708/322	David K. et al.
US 5598848 A	USPAT	19970 204	Systems and methods for positioning multiple electrode structures in electrical contact with the myocardium	600/508	600/374; 600/547; 607/122	Swanson; David K. et al.
US 5595183 A	USPAT	19970 121	Systems and methods for examining heart tissue employing multiple electrode structures and roving electrodes	600/510	600/374; 607/122	Swanson; David K. et al.
US 5582609 A	USPAT	19961 210	Systems and methods for forming large lesions in body tissue using curvilinear electrode elements	606/39	606/33; 606/45; 607/101; 607/122	Swanson; David K. et al.
US 5577509 A	USPAT	19961 126	Systems and methods for examining the electrical characteristics and timing of electrical events in cardiac tissue	600/508		Panescu; Dorin N. et al.
US 5546940 A	USPAT	19960 820	System and method for matching electrical characteristics and propagation velocities in cardiac tissue to locate potential ablation sites	600/374	600/547; 606/27; 606/41; 607/122; 607/148; 607/96	Panescu; Dorin et al.
US 5494042 A	USPAT	19960 227	Systems and methods for deriving electrical characteristics of cardiac tissue for output in iso-characteristic displays	600/508	600/374	Panescu; Dorin et al.
US 5487391 A	USPAT	19960 130	Systems and methods for deriving and displaying the propagation velocities of electrical events in the heart	600/512	600/374; 600/508; 607/119	Panescu; Dorin
US 5485849 A	USPAT	19960 123	System and methods for matching electrical characteristics and propagation velocities in cardiac tissue	600/512	600/374; 600/508; 607/119	Panescu; Dorin et al.
US 5476002 A	USPAT	19951 219	High sensitivity real-time NVR monitor	73/24.01	310/313D; 310/313R; 73/24.03; 73/24.06;	Bowers; William D. et al.

					73/31.06	
US 5465748 A	USPAT	19951 114	Sanitizable slider diaphragm valve	137/240	137/246.22; 137/625.11	Bowers; William F.
US 5449356 A	USPAT	19950 912	Multifunctional probe for minimally invasive surgery	606/49	606/37; 606/40; 606/41	Walbrink; Harold J. et al.
US 5262068 A	USPAT	19931 116	Integrated system for filtering and dispensing fluid having fill, dispense and bubble purge strokes	210/767	210/134; 210/188; 210/416.1; 210/472; 210/90; 222/1; 222/189.11; 222/255; 417/199.2; 417/205; 417/384; 417/472	Bowers; William F. et al.
US 5256138 A	USPAT	19931 026	Electrosurgical handpiece incorporating blade and conductive gas functionality	606/42	606/45; 606/49; D24/170	Burek; Paul P. et al.
US 5212623 A	USPAT	19930 518	Portable power distribution cabinet	361/625	174/38; 361/622	Wilson; Charles P. et al.
US 5192787 A	USPAT	19930 309	Pyrazole-containing juvenile hormone mimics for pest control	514/404	514/406; 514/407; 548/371.4; 548/371.7; 548/372.1; 548/372.5; 548/373.1; 548/374.1; 548/375.1; 548/376.1	Bowers; William S. et al.
US 5108704 A	USPAT	19920 428	Microfiltration apparatus with radially spaced nozzles	422/70	210/323.1; 422/101; 422/948; 435/288.4; 435/288.5; 435/305.2; 435/305.3	Bowers; William F. et al.
US 4998969 A	USPAT	19910 312	Engine maintenance fluid introduction system	123/179.9	123/1A; 123/198A	Bowers; William W. et al.
US 4943586 A	USPAT	19900 724	Pyrazole-containing juvenile hormone mimics for pest	514/406	514/404; 514/407;	Bowers; William S.

			control, compositions and use		548/365.7; 548/370.4; 548/372.1; 548/372.5; 548/374.1; 548/376.1	et al.
US 4832851 A	USPAT	19890 523	Centrifugal force-enhanced filtration of fluids	210/650	210/321.67; 210/321.84; 210/360.1; 210/380.1; 210/455; 210/515; 210/518; 210/782; 422/101; 436/178; 494/16; 494/37; 494/48	Bowers; William F. et al.
US 4755301 A	USPAT	19880 705	Apparatus and method for centrifugal recovery of retentate	210/650	210/369	Bowers; William F.
US 4750386 A	USPAT	19880 614	Engine air/fuel ratio controller	477/111	123/478; 123/480; 123/486	Bowers; William S. et al.
US 4727874 A	USPAT	19880 301	Electrosurgical generator with high-frequency pulse width modulated feedback power control	606/38	330/207A; 330/251; 606/37; 606/39; 606/40	Bowers; William J. et al.
US 4724394 A	USPAT	19880 209	Gas detection by ion mobility segregation	324/464	250/287; 422/83; 73/31.05	Langer; Scott R. et al.
US 4656189 A	USPAT	19870 407	Anti-juvenile hormones	514/456	514/452; 549/408	Bowers; William S.
US 4632761 A	USPAT	19861 230	Centrifugal microconcentrator and methods for its use	210/650	210/380.1; 210/407; 210/781	Bowers; William F. et al.
US 4559943 A	USPAT	19851 224	Electrosurgical generator	606/37		Bowers; William J.
US 4542150 A	USPAT	19850 917	Anti-juvenile hormones	514/456	514/454; 549/389; 549/406	Bowers; William S.
US 4540830 A	USPAT	19850 910	Anti-juvenile hormones	568/651		Bowers; William S.
US 4520824	USPAT	19850	Instrument for ophthalmic	606/3	606/18	Swaniger;

A		604	laser surgery			James R. et al.
US D275136 S	USPAT	19840 814	Combined bag and bag support for an upright vacuum cleaner	D32/22		Bowers; William D.
US 4438766 A	USPAT	19840 327	Electrosurgical generator	606/37		Bowers; William J.
US 4349361 A	USPAT	19820 914	Vacuum cleaner bag hanger assembly	55/357	15/351; 248/222.11; 248/225.21; 55/374; 55/378; 55/508; 55/DIG.3	Scott; Ernest R. et al.
US 4347256 A	USPAT	19820 831	Anti-juvenile hormones	514/546	514/548; 514/706; 514/713; 514/717; 514/720; 514/732; 514/733; 549/362; 549/398; 549/404; 549/405; 549/408; 549/409; 549/410; 560/129; 560/136; 560/142; 560/144; 564/428; 564/440; 564/443; 568/38; 568/39; 568/630; 568/648; 568/67	Bowers; William S.
US 4262384 A	USPAT	19810 421	Vacuum cleaner bag assembly	15/328	15/351; 55/337; 55/366; 55/375; 55/378; 55/380;	Bowers; William D.

					55/473; 55/DIG.2; 55/DIG.3	
US 4262271 A	USPAT	19810 414	Solenoid having non-rotating plunger	335/263	335/274	Bowers; William S. et al.
US 4149342 A	USPAT	19790 417	Window guard	49/55	49/57	Bowers; William O.
US 4130750 A	USPAT	19781 219	Machine for welding aluminum to aluminum	219/78.15	219/118; 219/119; 219/161; 219/86.1; 219/87	Bennett; Moreland P. et al.
US 4048463 A	USPAT	19770 913	Method of joining aluminum to aluminum	219/118	219/119; 219/85.18; 219/92	Bennett; Moreland P. et al.
US D245224 S	USPAT	19770 802	Strap ground anchor	D8/388	D8/356	Bowers; William G.
US 4014901 A	USPAT	19770 329	Synthetic hormones for insect control	549/453	560/183; 568/403; 568/417; 568/485; 568/673; 568/700; 568/840; 568/909.5	Bowers; William S.
US 4009670 A	USPAT	19770 301	Rotary hook sewing machine	112/231	112/258	Mitchell; Beatty Thomas
US 3970688 A	USPAT	19760 720	Synthetic hormones for insect control	560/183		Bowers; William S.
US 3960902 A	USPAT	19760 601	Synthetic hormones for insect control	549/555	424/DIG.12; 549/554; 549/561	Bowers; William S.
US 3959264 A	USPAT	19760 525	Synthetic hormones for insect control	549/448	549/453; 549/525; 549/554; 549/555; 549/561	Bowers; William S.
US 3947958 A	USPAT	19760 406	Electrical fitting preparation	439/751	29/564.2; 29/564.6; 29/747; 29/825; 29/DIG.23; 83/277; 83/465	Bowers; William A.

US 3936475 A	USPAT	19760 203	Synthetic hormones for insect control	549/555	424/DIG.12; 549/448; 549/453; 549/461; 549/554	Bowers; William S.
US 3936474 A	USPAT	19760 203	Synthetic hormones for insect control	549/561	424/DIG.12; 549/448; 549/453; 549/539; 549/554	Bowers; William S.
US 3928619 A	USPAT	19751 223	Certain terpenoid compounds for insect control	514/549	424/DIG.12; 514/475; 560/183	Bowers; William S.
US 3926808 A	USPAT	19751 216	Sewage treatment system	210/195.1	210/202; 210/220	Goddard; Clarence C.
US 3914429 A	USPAT	19751 021	Certain epoxy compounds for insect control	514/467	424/DIG.12; 514/475	Bowers; William S.
US 3908016 A	USPAT	19750 923	Synthetic hormones for insect control	514/467	424/DIG.12; 514/475; 514/723; 549/448; 549/453; 549/554; 549/555; 549/561	Bowers; William S.
US 3904763 A	USPAT	19750 909	Synthetic terpenoid compounds for insect control	514/467	424/DIG.12; 514/475; 549/491; 549/554; 549/555; 549/561	Bowers; William S.
US 3886717 A	USPAT	19750 603	Man-propelled, self-powered reaper	56/201	56/244	White; Chester A.
US 3869733 A	USPAT	19750 311	MULTI LEVEL HOLDING TANK DISCHARGE SYSTEM	4/327		White; Chester A.
US 3852472 A	USPAT	19741 203	CERTAIN ETHERS OF OPEN CHAIN TERPENOIDS AS INSECT CONTROL AGENTS	514/723	424/DIG.12; 514/465; 514/475; 546/101; 546/108; 546/61; 546/75; 546/81; 546/88; 549/448;	Bowers; William S.

					549/453; 549/524; 560/183; 568/596	
US 3730474 A	USPAT	19730 501	MIRROR POSITIONING DEVICE	248/478	248/289.11; 248/900	Bowers; William H.
US 3725551 A	USPAT	19730 403	INSECT CONTROL PROCESS WITH SYNTHETIC HORMONES	514/464	424/DIG.12	Bowers; William S.
US 3602912 A	USPAT	19710 831	MAGNETIC HEAD WITH CONNECTOR BLOCKS	360/123	29/603.12; 29/603.2; 29/603.23	Bowers; William L. et al.
US 3582945 A	USPAT	19710 601	INPUT DEVICE	235/59R	178/17C; 341/32	Bowers; William J.
US 3573349 A	USPAT	19710 406	ELECTRICAL SUSPENSION CABLE FOR FACILITATING THE DESCENT OF WELL TOOLS SUSPENDED THEREFROM THROUGH DEVIATED WELL BORES	174/108	174/113R	Bowers; William E.
US 3544665 A	USPAT	19701 201	METHOD AND APPARATUS FOR MANUFACTURING ELECTRICAL CONDUCTORS [TEXT AVAILABLE IN USOCR DATABASE]	264/40.7	242/364.11; 242/364.2; 264/171.14; 425/113; 425/71	BOWERS WILLIAM E
US 3493063 A	USPAT	19700 203	GAS WEIGHING APPARATUS [TEXT AVAILABLE IN USOCR DATABASE]	177/145	73/30.01; 73/863.71; 73/864.85	BOWERS WILLIAM H
US 3490149 A	USPAT	19700 120	METHODS AND APPARATUS FOR DETERMINING DEPTH IN BOREHOLES [TEXT AVAILABLE IN USOCR DATABASE]	340/854.1	340/856.3; 367/33; 73/152.56	BOWERS WILLIAM E
US 3465447 A	USPAT	19690 909	METHODS AND APPARATUS FOR DETERMINING DEPTH IN BOREHOLES [TEXT AVAILABLE IN USOCR DATABASE]	33/735	324/323; 56/DIG.15	BOWERS WILLIAM E et al.
US 3371474 A	USPAT	19680 305	Method and apparatus for forming armored cables	57/15		BOWERS WILLIAM

			[TEXT AVAILABLE IN USOCR DATABASE]			E
US 3299399 A	USPAT	19670 117	Methods and apparatus for indicating an underwater parameter in a marine seismic system [TEXT AVAILABLE IN USOCR DATABASE]	367/21	367/19; 73/301	BOWERS WILLIAM E
US 3289036 A	USPAT	19661 129	Inverted magnetron having adjacent anode cavities coupled in opposite phase to a central stabilizing cavity [TEXT AVAILABLE IN USOCR DATABASE]	315/39.53	315/39.75; 315/39.77; 331/91	BOWERS WILLIAM A et al.
US 3259675 A	USPAT	19660 705	Methods for manufacturing armored cables [TEXT AVAILABLE IN USOCR DATABASE]	264/103	156/56; 174/108; 174/113R	BOWERS WILLIAM E
US 3137988 A	USPAT	19640 623	Method and apparatus for stabilizing cables [TEXT AVAILABLE IN USOCR DATABASE]	57/309	57/310; 57/62	BOWERS WILLIAM E et al.
US 3093419 A	USPAT	19630 611	Mortar spreading apparatus and method of conveying [TEXT AVAILABLE IN USOCR DATABASE]	406/61		BOWERS WILLIAM E
US 3066253 A	USPAT	19621 127	Methods and apparatus for measurement [TEXT AVAILABLE IN USOCR DATABASE]	360/1	324/206; 324/262; 360/6	BOWERS WILLIAM E
US 3034923 A	USPAT	19620 515	Methods and apparatus for spraying cables [TEXT AVAILABLE IN USOCR DATABASE]	427/178	118/325; 118/672; 118/682; 242/484.2; 427/424; 72/46	BOWERS WILLIAM E
US 2352611 A	USPAT	19440 704	Method of preparing meat products [TEXT AVAILABLE IN USOCR DATABASE]	426/310	426/302	BOWERS WILLIAM W
US 2203454 A	USPAT	19400 604	Method for leaching meat [TEXT AVAILABLE IN USOCR DATABASE]	426/442	426/524	BOWERS WILLIAM W
US 1847921 A	USPAT	19320 301	Sprinkler head [TEXT AVAILABLE IN USOCR DATABASE]	239/204	239/456; 239/461; 239/498	BOWERS WILLIAM W
US 1762876	USPAT	19300	Mold for head cores [TEXT	164/164		MOORE

A		610	AVAILABLE IN USOCR DATABASE]			WILLIAM D et al.
US 1695855 A	USPAT	19281 218	Apparatus for marking pipes [TEXT AVAILABLE IN USOCR DATABASE]	164/213		MOORE WILLIAM D et al.
US 1577168 A	USPAT	19260 316	Portable combined ink pad and support [TEXT AVAILABLE IN USOCR DATABASE]	248/213.2		BOWERS WILLIAM E
US 1403005 A	USPAT	19220 110	Method of casting [TEXT AVAILABLE IN USOCR DATABASE]	164/97		BOWERS WILLIAM C